

Message

From: Troche, Luis [Troche.Luis@epa.gov]
Sent: 5/30/2018 8:11:59 PM
To: Bordas Cusco, Agusti (EC) [agusti.bordascusco@canada.ca]
CC: Cintia Rubi Amezcua Orellana (cintia.amezcua@semarnat.gob.mx) [cintia.amezcua@semarnat.gob.mx]; Gramiak, Mary (EC) [mary.gramiak@canada.ca]; Bahri, Hassen (EC) [hassen.bahri@canada.ca]; Hallman, Daniel (EC) [daniel.hallman@canada.ca]; Seward, Carolina (EC) [carolina.seward@canada.ca]; Lina Laura Correa Peñaloza [lina.correa@semarnat.gob.mx]; Hong, Nadtya [Hong.Nadtya@epa.gov]; Jordan, Marta [Jordan.Marta@epa.gov]; Nathalie Daoust (ndaoust@cec.org) [ndaoust@cec.org]
Subject: RE: Council Deliverables - One pager on potential opportunities for trilateral collaboration at NWC and Innovation Hub

Agusti— AND Cintia.

Please see responses below.

Luis Troche

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From: Bordas Cusco, Agusti (EC) [mailto:agusti.bordascusco@canada.ca]
Sent: Wednesday, May 30, 2018 3:51 PM
To: Troche, Luis <Troche.Luis@epa.gov>
Cc: Cintia Rubi Amezcua Orellana (cintia.amezcua@semarnat.gob.mx) <cintia.amezcua@semarnat.gob.mx>; Gramiak, Mary (EC) <mary.gramiak@canada.ca>; Bahri, Hassen (EC) <hassen.bahri@canada.ca>; Hallman, Daniel (EC) <daniel.hallman@canada.ca>; Seward, Carolina (EC) <carolina.seward@canada.ca>; Lina Laura Correa Peñaloza <lina.correa@semarnat.gob.mx>; Hong, Nadtya <Hong.Nadtya@epa.gov>; Jordan, Marta <Jordan.Marta@epa.gov>; Nathalie Daoust (ndaoust@cec.org) <ndaoust@cec.org>
Subject: FW: Council Deliverables - One pager on potential opportunities for trilateral collaboration at NWC and Innovation Hub

Good afternoon Luis,

Thank you for your email and the attachments. We have reviewed the documents and have the following feedback:

1. Regarding the **Innovation Hubs Initiative**, we agree the opportunity for collaboration with the most potential is definitely the **Simon Fraser and OU partnership**. We had the opportunity to share the document with Simon Fraser last week when it was sent the first time and my understanding is that they used the document to leverage funding with their administration to be able to send Lisa Papania as well. We haven't received any feedback on the document aside from that, but we can follow up with them again this week to see if they have any other thoughts. This is good news. We are awaiting Mexico's feedback and identification of a partner. The US also supports this and hope Mexico will identify a partner.
2. For the additional opportunities for collaboration, our initial reactions for each project is as follows:

We had a call with OW/NWC/NWS (NOAA) today. As instructed by the Alt Reps, we are steering toward a deliverable on extreme weather. I am currently crafting a proposal (similar to the one we sent you on Innovation Hubs) to create a

partnership/network on collaboration on extreme weather forecasting, monitoring, preparedness and response as well as research. It seems Dalhousie would be suited for that and a key delegate if Canada decides to bring them. In this context, we are exploring which of the research efforts listed below a-e fit within the umbrella of extreme weather. Proposal should be ready for Can/Mex on Friday or Monday.

- a. Cooperative Institute for Mesoscale Meteorological Studies:
 - i. There are no Canadian partners that we are aware of in this project, but because they are a research institute we think the **Dalhousie University** delegation will be a natural connection to make at the Council Session.
- b. Advanced Radar Research Center
 - i. Nanowave Technologies provides the radars and other equipment to this research center. We see this as one of the more promising opportunities to highlight trilateral cooperation. What was the contact person in this company we could coordinate with? There is no trilateral cooperation here. Only US-Canada as Mexico does not have a company doing this.
- c. South Central Climate Adaptation Science Center
 - i. This is another research center so there is a natural overlap with **Dalhousie University** as well.
 - ii. They work closely with Natural Resources Canada to conduct trainings for decision makers on how to use climate projections. Could you please clarify who is the contact person in Natural Resources Canada that has interacted with them?
- d. GeoCarb
 - i. We are in touch with the University of Toronto researcher on the project. We would certainly appreciate the name of the key person in GeoCarb (we are drafting an email for Dr. Dylan Jones).
- e. Oklahoma Climatological Survey
 - i. Cooperates with different departments with the Government of Quebec, we are researching who the point people are in each team. However, specific names would be appreciated, should they be available.
- f. University of Oklahoma Department of Geography and Environmental Sustainability
 - i. Doesn't look like a Canadian angle for cooperation for this initiative.

Clarifications:

1. From ECCC's perspective, the projects which show the most promise for highlighting trilateral cooperation from Canada's perspective are the **Advanced Radar Research Center**, the **South Central Climate Adaptation Science Center** and the **GeoCarb project**. However, there are still some questions remaining on our end which make it difficult to establish the most appropriate course of action for pursuing these partnerships. Primarily, ***we are unclear on what the envisioned outcomes of these added partnerships are (announceables? Specific project proposals).***
2. Would you like us to connect with existing Canadian partners like NRCan, the University of Toronto and Nanowave and invite them to the Council Session? Are you envisioning new announceables or partnerships coming out of these engagements? We are a little late in the game to start including new players, but because the relationships with Nanowave, the University of Toronto and NRCan already exist we can reach out to them first.
3. I would recommend to be realistic and focus on a **maximum of 3 initiatives** so that we don't spread our efforts too thin. I have been instructed to focus on three initiatives. However, so far 2 initiatives show potential: Innovation hubs and Extreme Weather. We plan to share these in advance of the Alt Reps call so they can be discussed and moved forward if Mexico joins or supports the Innovation Hub and if both Can and Mex support the extreme weather concept (that we plan to share by Monday). A third initiative would be the Atlas initiative, but we are still exploring that.

I look forward to hearing from you.

Thank you in advance.

Agustí

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From: Troche, Luis [<mailto:Troche.Luis@epa.gov>]

Sent: May 29, 2018 5:29 PM

To: Bordas Cusco, Agustí (EC); Cintia Rubi Amezcua Orellana (cintia.amezcua@semarnat.gob.mx)

Cc: Lina Laura Correa Peñaloza; Bahri, Hassen (EC); Gramiak, Mary (EC); Hong, Nadtya; Teel, Pam; Jordan, Marta; Nathalie Daoust (ndaoust@cec.org)

Subject: FW: Council Deliverables - One pager on potential opportunities for trilateral collaboration at NWC and Innovation Hub

Importance: High

Hello Agustí and Cintia—

I shared the note below and attachments last week and I have not heard if Canada/Mexico are interested or have identified potential opportunities or partners based on the information.

On the longer document, there are at least two NWC collaborations that involve Mexico or Canada counterparts and have potential. However, I have not heard from you if they make sense to you. Any thoughts? We are running out of time.

Asides from those two opportunities pending your consideration, I see the following as having the most potential:

-- The Innovation Hubs Initiative— Shared last week and attached again. I think it has great potential with Simon Frasier and OU. We are waiting for Mexico's opinion or proposed partners now, or down the road.

-- Potential initiative on the North American Climate Services Partnership, focusing on extreme weather. I'll share this tomorrow as I did not receive it today.

Nathalie and I are also exploring a potential colab between the Secretariat Atlas team and NWC but I'd like to identify specific layers that could be readily available for implementation.

Nathalie and I have done a lot of thinking, consulting, and drafting, and we need your feedback on what may make sense.

Luis Troche

Senior Advisor for North American Affairs
CEC General Standing Committee
Office of Regional and Bilateral Affairs

From: Troche, Luis

Sent: Monday, May 21, 2018 11:53 AM

To: Cintia Amezcua <cintia.amezcua@semarnat.gob.mx>; Agusti Bordas-Cusco <agusti.bordascusco@canada.ca>

Cc: Hassen Bahri <hassen.bahri@canada.ca>; Gramiak, Mary (EC) <mary.gramiak@canada.ca>; Lina Laura Correa Peñaloza <lina.correa@semarnat.gob.mx>; Jordan, Marta <Jordan.Marta@epa.gov>; Nathalie Daoust (<ndaoust@cec.org>) <ndaoust@cec.org>

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Importance: High

Hello Cintia y Agusti,

As promised, for our consideration of potential deliverables at Council Session, attached are:

- a 5 page document summarizing the activities/potential opportunities for collaboration at NWC.
- a 2 page document describing the potential deliverable at the innovation hub. Please note that Nathalie and I developed this for your consideration based on the call with the hub and Simon Frasier. If it makes sense to all three, the we would need to run it by the hub and Simon Frasier, identify a Mexico present or future partner and explore how it would be presented by Council.
- I am consulting with the US contact on the North American Climate Services Partnership to identify any opportunities for value-added CEC support (particularly on extreme weather). I'll send a concept separately if I identify any.

Thanks

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